

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>RD2060</b>	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.					
<b>Reclamation District No. 2060 Hastings</b>	<b>M *</b>	<b>15.67</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					2.17			
Erosion / Bank Caving	0.05	0.01	0.09	0.57%				
Repair Gates	0.01		0.01	0.06%				
<i>Supplemental</i>								
USACE Erosion Survey	0.66		0.66	4.21%				
DWR UCIP Field Study					0.17			
<i>LMA Totals:</i>	0.72	0.01	0.76	4.85% *	2.34	0.00	0.00	0.00
<b>Unit No. 01 Lindsey Slough LB</b>	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
<b>RD2060</b>	<b>M *</b>	<b>6.94</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Erosion / Bank Caving	0.05	0.01	0.09	1.30%				
Repair Gates	0.01		0.01	0.14%				
<i>Supplemental</i>								
USACE Erosion Survey	0.02		0.02	0.29%				
<i>Unit Totals:</i>	0.08	0.01	0.12	1.73% *	0.00	0.00	0.00	0.00
<b>Unit No. 02 Ulatis Creek RB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD2060</b>	<b>A</b>	<b>3.70</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					2.17			
<i>Supplemental</i>								
DWR UCIP Field Study					0.06			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	2.23	0.00	0.00	0.00
<b>Unit No. 03 Cache Slough RB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD2060</b>	<b>M</b>	<b>5.03</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Supplemental</i>								
USACE Erosion Survey	0.64		0.64	12.72%				
DWR UCIP Field Study					0.11			
<i>Unit Totals:</i>	0.64	0.00	0.64	12.72%	0.11	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2013 Levee Inspection Results**

**Reclamation District No. 2060 Hastings**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Reclamation District No. 2060 Hastings**

Waterway			Bank	Unit Miles
Unit No. 01 Lindsey Slough			Left	6.94
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	03/28/2013 - 03/28/2013		10/08/2013 - 10/08/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. Mark Boyd RD 2060 Hastings Tract		Mr. Mark Boyd RD 2060 Hastings Tract	
	Gilbert Cosio MBK Engineers		Gilbert Cosio MBK Engineers	
	Henry N. Kuechler RD 2060			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- completion of the inspection
- any changes other than the results of normal maintenance
- corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Lindsey Slough							Left	6.94	10/08/2013 10/08/2013	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
1			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		° °	° °	10	
								DWR ID: DWR_RD2060_01_s_2012_10			
2			Earthen Levee	Operations & Maintenance Manuals	WS	A Ma		° °	° °	11	
								DWR ID: DWR_RD2060_01_s_2012_11			
3			Earthen Levee	Flood Preparedness & Training	WS	A Ma		° °	° °	12	
								DWR ID: DWR_RD2060_01_s_2012_12			
4	0.01	6.91	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The District burned and dragged the levee slopes to remove the vegetation making it much easier to inspect.	38.247270 ° -121.696470 °	38.274590 ° -121.794860 °	470 Y	
								DWR ID: DWR_RD2060_01_f_2013_470			
5	0.56	0.57	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site. Inspector Comments: District has placed some more rock in this area, they will place more later. 3-08-2011 viewed the erosion site, this site is still active. The district says that they will make repairs end of April or May 2011.	38.248630 ° -121.706403 °	38.248617 ° -121.706667 °	14	
								DWR ID: DWR_RD2060_01_s_2012_14			
6	1.86	1.86	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011 - Multiple erosion pockets. Deep cracks throughout site could lead to further bank failure. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: LDS_1-9_L]	38.257517 ° -121.724823 °	38.256535 ° -121.724753 °	2	
								DWR ID:			
7	1.90	1.90	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site. Inspector Comments: District has plans to bring material to be placed at site along with more rock, stated during the inspection 3-28-2013.	38.256664 ° -121.721535 °	38.256664 ° -121.721535 °	9 Y	
								DWR ID: DWR_RD2060_01_s_2013_9			
8	1.91	1.91	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: It appears that this site is also active. Spring inspection 2013.	38.256664 ° -121.724536 °	38.256664 ° -121.724536 °	13 Y	
								DWR ID: DWR_RD2060_01_s_2013_13			
9	1.92	1.92	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site. Inspector Comments: At this location the material is soft and this site is much like the one at L/M 1.90 and L/M 1.91. District is aware of the sites and repairs are being planned.	38.256766 ° -121.724552 °	38.256766 ° -121.724552 °	16 Y	
								DWR ID: DWR_RD2060_01_s_2013_16			
10	2.40	2.40	Earthen Levee	Erosion / Bank Caving	WS	U Ma	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: District is aware of the problem.	38.259254 ° -121.727257 °	38.259254 ° -121.727257 °	17 Y	
								DWR ID: DWR_RD2060_01_s_2013_17			

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough				Left	6.94	10/08/2013 10/08/2013	Herman Phillips

  

LMR No.	Levee Mile		Category	Item	Location *	Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
11	2.44	2.44	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011 - Two erosion pockets from rotational failures. Very soft soil. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: LDS_2-4_L]	38.257319 ° -121.732423 °	38.257224 ° -121.731953 °	4
DWR ID:										
12	2.49	2.50	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site.	38.257407 ° -121.732002 °	38.257407 ° -121.732002 °	18
DWR ID: DWR_RD2060_01_s_2013_18										
13	5.07	5.07	Earthen Levee	Repair Gates	CR	M Ma		38.263157 ° -121.771543 °	38.263157 ° -121.771543 °	6
DWR ID: DWR_RD2060_01_s_2012_6										
14	5.33	5.36	Earthen Levee	Cracking	WS	C Ob	CR1 : Monitor and have inspected by geotechnical engineer.	38.263314 ° -121.771793 °	38.262140 ° -121.771983 °	3
DWR ID: DWR_RD2060_01_f_2012_3										
15	5.52	5.63	Earthen Levee	Vegetation	WS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.262385 ° -121.777675 °	38.263222 ° -121.779615 °	1
DWR ID: DWR_RD2060_01_f_2012_1										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.94	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.01
End Levee Mile	6.91
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2060 Looking downstream from levee mile 0.00 landside slope, District has removed all vegetation landward and waterward from L/M 0.00-L/M 6.94. Photo taken 10-08-2013.

phillips\_f\_20131008\_616.JPG



Levee Mile Report Line	7
Start Levee Mile	1.90
End Levee Mile	1.90
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

RD 2060 Levee mile 1.90 erosion site (active). Photo taken 3-28-2013.

phillips\_f\_20130925\_607.JPG



Levee Mile Report Line	7
Start Levee Mile	1.90
End Levee Mile	1.90
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

RD 2060 Levee mile 1.90 this site is active. This shot was taken standing downstream of erosion site. Taken 3-28-2013.

phillips\_f\_20130925\_608.JPG



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Left	6.94	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	1.91
End Levee Mile	1.91
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

RD 2060 Unit 1 levee mile 1.91. This erosion site is active. Photo taken 3-28-2013.

phillips\_f\_20130925\_609.JPG



Levee Mile Report Line	9
Start Levee Mile	1.92
End Levee Mile	1.92
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

RD 2060 Erosion at levee mile 1.92 Photo taken 3-28-2013.

phillips\_f\_20130925\_610.JPG



Levee Mile Report Line	10
Start Levee Mile	2.40
End Levee Mile	2.40
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

From RD 536 Looking across channel at RD 2060 Unit 1 erosion site levee mile 2.40 scour hole up to 20' deep and more than 50 feet across. Photo taken 10-08-2013.

phillips\_f\_20131011\_620.JPG



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Reclamation District No. 2060 Hastings**

Waterway			Bank	Unit Miles
Unit No. 02 Ulatis Creek			Right	3.70
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	03/28/2013 - 03/28/2013		10/08/2013 - 10/08/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. Mark Boyd RD 2060 Hastings Tract		Mr. Mark Boyd RD 2060 Hastings Tract	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.70	10/08/2013 10/08/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18383 EP_NO: 10148 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: U-type concrete headwall on LS. Not accessible due to fence. Vegetation is partially blocking inlet & outlet pipe. FIELD_STRUCT_DESC: 24-inch CM drainpipe through levee, 16.0 feet below crown, flap gate on waterward end. U-type concrete headwall on LS. Not accessible due to fence. Vegetation is partially blocking inlet & outlet pipe. FS Date: 8/15/2013	38.285219 ° -121.777085 °	38.285219 ° -121.777085 °	191 Y
DWR ID: DWR_RD2060_02_f_2013_191										
2	0.00	3.70	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The levee has no unwanted vegetation (brush, bushes, and undesirable weeds) blocking visibility of access.	38.274841 ° -121.794855 °	38.296651 ° -121.748801 °	9 Y
DWR ID: DWR_RD2060_02_s_2012_9										
3	0.12	1.78	Earthen Levee	Encroachments	WS	M En	FE : Fence Inspector Comments: This fence should be removed from shoulder of levee section.	38.276351 ° -121.795922 °	38.285819 ° -121.776942 °	2
DWR ID: DWR_RD2060_02_s_2013_2										
4	1.77	1.77	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18386 EP_NO: 10148 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: U-type concrete headwall on LS. Not accessible due to fence. Vegetation is partially blocking inlet & outlet pipe. FIELD_STRUCT_DESC: 24-inch CM drainpipe through levee, 16.0 feet below crown, flap gate on waterward end. U-type concrete headwall on LS. Not accessible due to fence. Vegetation is partially blocking inlet & outlet pipe. FS Date: 8/15/2013	38.285219 ° -121.777085 °	38.285219 ° -121.777085 °	192
DWR ID: DWR_RD2060_02_f_2013_192										
5	1.78	2.26	Earthen Levee	Encroachments	LS	M En	FE : Fence	38.285819 ° -121.776942 °	38.290494 ° -121.772717 °	3
DWR ID: DWR_RD2060_02_s_2013_3										
6	2.09	2.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18385 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: - Abandoned pump structure in stream- Concrete distribution on landside. - Not accessible due to wired fence.- Needs proper abandonment. FIELD_STRUCT_DESC: Abandoned pump structure in stream and a concrete distribution on landside. Not accessible due to wired fence. FS Date: 8/15/2013	38.289474 ° -121.775914 °	38.289474 ° -121.775914 °	193
DWR ID: DWR_RD2060_02_f_2013_193										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.70	10/08/2013 10/08/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
7	2.09	2.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18384 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: - Abandoned pump structure in stream- Concrete distribution on landside. - Not accessible due to wired fence.- Needs proper abandonment. FIELD_STRUCT_DESC: Abandoned pump structure in stream and a concrete distribution on landside. Not accessible due to wired fence. FS Date: 8/15/2013	38.289474 ° -121.775914 °	38.289474 ° -121.775914 °	194
DWR ID: DWR_RD2060_02_f_2013_194										
8	2.09	2.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17895 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Abandoned pump structure in stream. FS Date: 8/15/2013	38.289474 ° -121.775914 °	38.289474 ° -121.775914 °	195 Y
DWR ID: DWR_RD2060_02_f_2013_195										
9	2.09	2.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18528 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: - Abandoned pump structure in stream- Concrete distribution box on landside. - Not accessible due to wired fence.- Needs proper abandonment. FIELD_STRUCT_DESC: Abandoned pump structure in stream and a concrete distribution on landside. Not accessible due to wired fence. FS Date: 8/15/2013	38.289474 ° -121.775914 °	38.289474 ° -121.775914 °	196
DWR ID: DWR_RD2060_02_f_2013_196										
10	2.10	2.10	Earthen Levee	Encroachments	LS	M En	WL : Wall Inspector Comments: Abandoned concrete structure at this location this was once a type of pump site.	38.290085 ° -121.775486 °	38.290085 ° -121.775486 °	4 Y
DWR ID: DWR_RD2060_02_s_2013_4										
11	2.12	2.12	Earthen Levee	Encroachments	LS	M En	DT : Ditch	38.290296 ° -121.775240 °	38.290296 ° -121.775240 °	5
DWR ID: DWR_RD2060_02_s_2013_5										
12	2.26	2.26	Earthen Levee	Encroachments	LS	M En	DT : Ditch	38.290475 ° -121.773390 °	38.290475 ° -121.773390 °	6 Y
DWR ID: DWR_RD2060_02_s_2013_6										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.70	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

WS view: overview of CMP from levee.

UCIP\_10527.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2060 Unit 2 looking downstream from levee mile 0.00 both slopes in view. Photo taken 10-08-2013.

phillips\_f\_20131008\_617.JPG



Levee Mile Report Line	8
Start Levee Mile	2.09
End Levee Mile	2.09
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

LS view: abandoned concrete distribution box. Not accessible due to wire fence.

UCIP\_10529.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ulatis Creek	Right	3.70	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	10
Start Levee Mile	2.10
End Levee Mile	2.10
Location	Land Side
Category	Earthen Levee
Item	Encroachments

This old block structure not in use was placed within the levee section. Photo taken 3-28-2013.

phillips\_f\_20130925\_232.JPG



Levee Mile Report Line	12
Start Levee Mile	2.26
End Levee Mile	2.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments

This ditch encroaches within the 10-foot easement. Photo taken 3-28-2013.

phillips\_f\_20130925\_233.JPG



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Reclamation District No. 2060 Hastings**

Waterway			Bank	Unit Miles
Unit No. 03 Cache Slough			Right	5.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	03/28/2013 - 03/28/2013		10/08/2013 - 10/08/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. Mark Boyd RD 2060 Hastings Tract		Mr. Mark Boyd RD 2060 Hastings Tract	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17964 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seem abandoned. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 2.8 feet below the crown. Pump LS. O&M Manual SAC 107, April 1959. FS Date: 8/13/2013	38.290684 ° -121.735668 °	38.290684 ° -121.735668 °	168 Y
DWR ID: DWR_RD2060_03_f_2013_168										
2	0.00	0.00	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17963 EP_NO: 6342 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker may need to be covered. dense vegetation on WS. FIELD_STRUCT_DESC: 16-inch steel pipe through levee 8.0 feet below crown gate valve on landside, vertical pump in drain ditch on land-side. (App. No. 6342-A - Hastings Farms) FS Date: 8/13/2013	38.290684 ° -121.735639 °	38.290684 ° -121.735639 °	169 Y
DWR ID: DWR_RD2060_03_f_2013_169										
3	0.00	0.00	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.290684 ° -121.735670 °	38.290684 ° -121.735670 °	179 Y
DWR ID: DWR_RD2060_03_f_2013_179										
4	0.90	0.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18727 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seem abandoned. Not found- pump on LS. Needs more exploration. FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.8 feet below the crown. O&M Manual SAC 107, April 1959. FS Date: 8/15/2013	38.290684 ° -121.735668 °	38.290684 ° -121.735668 °	170
DWR ID: DWR_RD2060_03_f_2013_170										
5	0.90	0.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18463 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seem abandoned. Not found- pump on LS. Needs more exploration. FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.8 feet below the crown. O&M Manual SAC 107, April 1959. FS Date: 8/13/2013	38.290684 ° -121.735668 °	38.290684 ° -121.735668 °	171
DWR ID: DWR_RD2060_03_f_2013_171										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
6	0.90	0.90	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:18726 EP_NO: 6342 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Leaky siphon breaker may need to be repaired. Dense vegetation on WS. Not found- gate valve on LS. FIELD_STRUCT_DESC: 16-inch steel pipe through levee 8.0 feet below crown, vertical pump in drain ditch on land-side. Siphon breaker on waterside. (App. No. 6342-A - Hastings Farms) FS Date: 8/15/2013	38.290684 ° -121.735639 °	38.290684 ° -121.735639 °	172
DWR ID: DWR_RD2060_03_f_2013_172										
7	0.90	0.90	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:18464 EP_NO: 6342 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Leaky siphon breaker may need to be repaired. Dense vegetation on WS. Not found- gate valve on LS. FIELD_STRUCT_DESC: 16-inch steel pipe through levee 8.0 feet below crown, vertical pump in drain ditch on land-side. Siphon breaker on waterside. (App. No. 6342-A - Hastings Farms) FS Date: 8/13/2013	38.290684 ° -121.735639 °	38.290684 ° -121.735639 °	173
DWR ID: DWR_RD2060_03_f_2013_173										
8	1.55	1.70	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: Site added in 1997 and removed in 2003. 2005 - Put back in the inventory. 2006 - Stone repair at the middle of the site. 2011 - Some rock place at toe in the past year. 2012: No observed change. [2012 Site ID: CHS_23-6_R]	38.288192 ° -121.724806 °	38.286418 ° -121.723168 °	1 Y
DWR ID:										
9	2.02	2.08	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2010 - Small maintenance site. 2012: No observed change. [2012 Site ID: CHS_23-0_R]	38.284105 ° -121.718471 °	38.283302 ° -121.717814 °	4 Y
DWR ID:										
10	2.18	2.23	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2007 - Geotechnical failure of midside slope and wave wash/scalloping in toe area. Stone revetment upstream and downstream of site. Similar sites are present all along the right bank downstream of this site, most could be repaired with some maintenance. 2010 - Minor new erosion. 2012: No observed change. [2012 Site ID: CHS_22-8_R]	38.282100 ° -121.716817 °	38.281510 ° -121.716319 °	5 Y
DWR ID:										
11	2.38	2.54	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2008 - Small scour pockets and mid-slope wave wash. 2010 - More vegetation growth, could be fixed through maintenance. 2011 - Site extended downstream and new erosion. 2012: No observed change. [2012 Site ID: CHS_22-6_R]	38.280377 ° -121.714633 °	38.278306 ° -121.712722 °	6 Y
DWR ID:										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
12	2.79	3.25	Earthen Levee	Vegetation	WSA/W	Ob	V8 : Environmental Requirements.	38.280919 ° -121.715756 °	38.275177 ° -121.709777 °	3
								DWR ID: DWR_RD2060_03_s_2012_3		
13	3.24	3.24	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18723 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a CMP riser was found on WS. FIELD_STRUCT_DESC: Only a CMP riser was found WS. All other features not found as described: 36-inch steel pipe through levee 15.0 feet below crown, slide gate in CM riser on waterward slope. (Asbestos bonded pipe.) Pump in pump house on pile structure in stream. Service pole and anchor on landward slope. Only a CMP riser was found WS. FS Date: 8/15/2013	38.270151 ° -121.705782 °	38.270151 ° -121.705782 °	174
								DWR ID: DWR_RD2060_03_f_2013_174		
14	3.24	3.24	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18565 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a CMP riser was found on WS. FIELD_STRUCT_DESC: Only a CMP riser was found WS. All other features not found as described: 36-inch steel pipe through levee 15.0 feet below crown, slide gate in CM riser on waterward slope. (Asbestos bonded pipe.) Pump in pump house on pile structure in stream. Service pole and anchor on landward slope. Only a CMP riser was found WS. FS Date: 8/13/2013	38.270151 ° -121.705782 °	38.270151 ° -121.705782 °	175
								DWR ID: DWR_RD2060_03_f_2013_175		
15	3.24	3.24	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18505 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a CMP riser was found WS. FIELD_STRUCT_DESC: Only a CMP riser was found WS. All other features not found as described: 36-inch steel pipe through levee 15.0 feet below crown, slide gate in CM riser on waterward slope. (Asbestos bonded pipe.) Pump in pump house on pile structure in stream. Service pole and anchor on landward slope. Only a CMP riser was found WS. FS Date: 8/13/2013	38.270151 ° -121.705782 °	38.270151 ° -121.705782 °	176
								DWR ID: DWR_RD2060_03_f_2013_176		

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
16	3.24	3.24	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:18664 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a CMP riser was found on WS. FIELD_STRUCT_DESC: Only a CMP riser was found WS. All other features not found as described: 36-inch steel pipe through levee 15.0 feet below crown, slide gate in CM riser on waterward slope. (Asbestos bonded pipe.) Pump in pump house on pile structure in stream. Service pole and anchor on landward slope. Only a CMP riser was found WS. FS Date: 8/13/2013	38.270151 ° -121.705782 °	38.270151 ° -121.705782 °	177
DWR ID: DWR_RD2060_03_f_2013_177										
17	3.24	3.24	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:18663 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a CMP riser was found on WS. FIELD_STRUCT_DESC: Only a CMP riser was found WS. All other features not found as described: 36-inch steel pipe through levee 15.0 feet below crown, slide gate in CM riser on waterward slope. (Asbestos bonded pipe.) Pump in pump house on pile structure in stream. Service pole and anchor on landward slope. Only a CMP riser was found WS. FS Date: 8/13/2013	38.270132 ° -121.705758 °	38.270132 ° -121.705758 °	178
DWR ID: DWR_RD2060_03_f_2013_178										
18	3.28	3.48	Earthen Levee	Vegetation	WSA/W	Ma	V8 : Environmental Requirements. Inspector Comments: There was a fire this spring that burned this revegetation site, during the 2012 inspection new growth has sprouted up. During the 2013 inspection new sprouts continue to come up.	38.270863 ° -121.706800 °	38.270324 ° -121.705904 °	12
DWR ID: DWR_RD2060_03_s_2012_12										
19	3.78	4.00	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011 - Several pockets of erosion from rotational failure and slumping toe. 2012: No observed change. [2012 Site ID: CHS_21-1_R]	38.264585 ° -121.698868 °	38.261616 ° -121.697423 °	8
DWR ID:										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: levee slope and only a pipe found.

UCIP\_10564.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Landside view: pump, service pole, steel support structure, walkway, and pipe.

UCIP\_10569.jpg



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 2060 Looking downstream from the waterside shoulder. Both landside and water side slopes are in view and the growth is maintained. Photo taken 10-08-2013.

phillips\_f\_20131008\_618.JPG



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	1.55
End Levee Mile	1.70
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHS\_23-6\_R\_1.jpg



Levee Mile Report Line	8
Start Levee Mile	1.55
End Levee Mile	1.70
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHS\_23-6\_R\_2.jpg



Levee Mile Report Line	9
Start Levee Mile	2.02
End Levee Mile	2.08
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHS\_23-0\_R\_1.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	9
Start Levee Mile	2.02
End Levee Mile	2.08
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHS\_23-0\_R\_2.jpg



Levee Mile Report Line	10
Start Levee Mile	2.18
End Levee Mile	2.23
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHS\_22-8\_R\_1.jpg



Levee Mile Report Line	10
Start Levee Mile	2.18
End Levee Mile	2.23
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHS\_22-8\_R\_2.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	2.38
End Levee Mile	2.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHS\_22-6\_R\_1.jpg



Levee Mile Report Line	11
Start Levee Mile	2.38
End Levee Mile	2.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013\_CHS\_22-6\_R\_2.jpg



Levee Mile Report Line	11
Start Levee Mile	2.38
End Levee Mile	2.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013\_CHS\_22-6\_R\_3.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	2.38
End Levee Mile	2.54
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

USACE2013\_CHS\_22-6\_R\_4.jpg



Levee Mile Report Line	17
Start Levee Mile	3.24
End Levee Mile	3.24
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

WS view: slide gate in CMP riser (bottom-marked) and may be abandoned pile for pump support (marked- right).

UCIP\_10648.jpg



Levee Mile Report Line	19
Start Levee Mile	3.78
End Levee Mile	4.00
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013\_CHS\_21-1\_R\_1.jpg

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 2060 Hastings**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Cache Slough	Right	5.03	10/08/2013 10/08/2013	Herman Phillips

Levee Mile Report Line	19
Start Levee Mile	3.78
End Levee Mile	4.00
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2013_CHS_21-1_R_2.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---